Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P981102

Luminaire Tested: **FFX-CLB-80-727-U-FR-T5-UPLR**

Issue Date: 04/15/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P981102
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-727-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11443 lumens
Efficiency:	N/A
Efficacy:	139.9 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

Input Watts (W):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

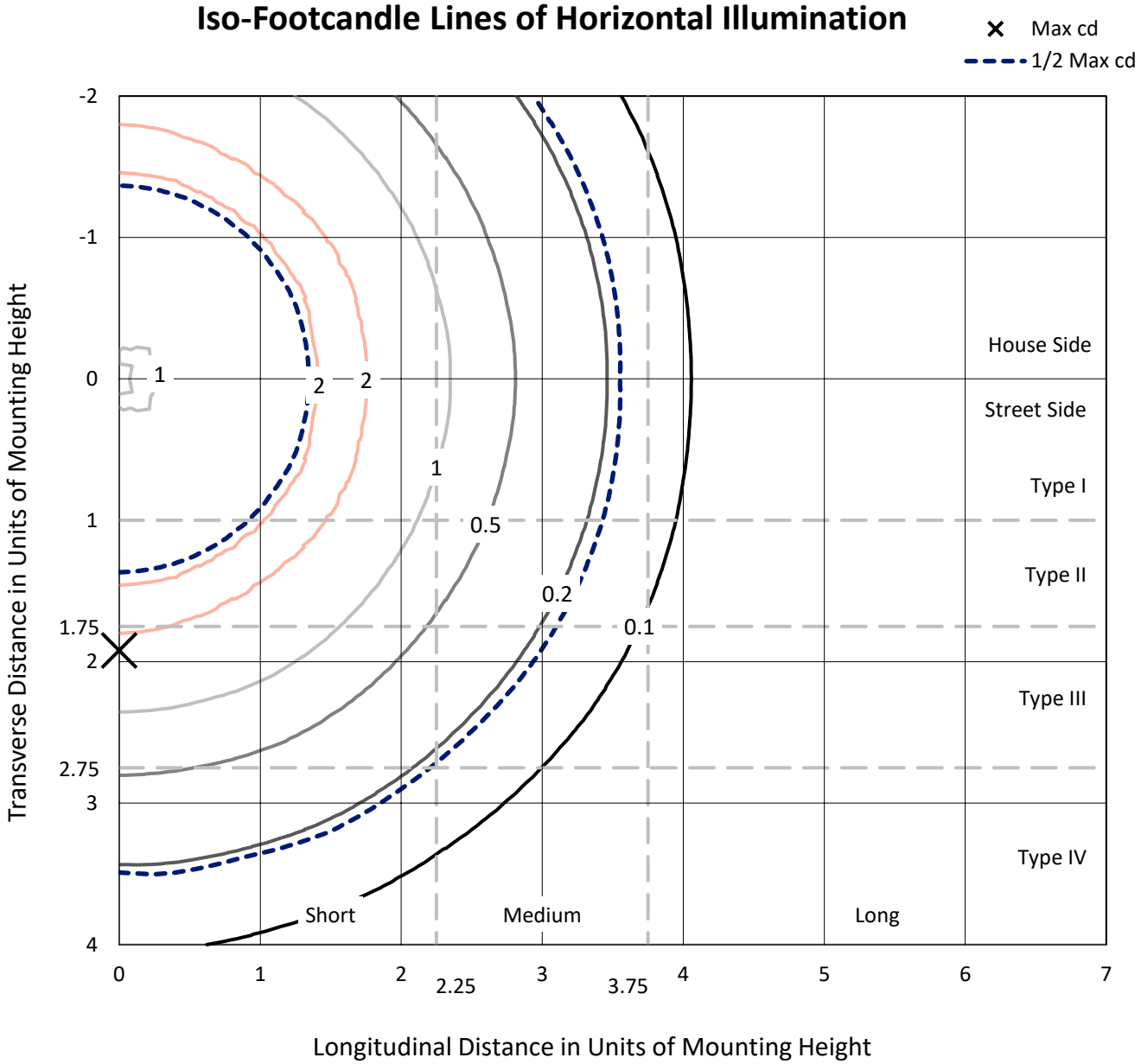


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REPORT NUMBER: P981102
CATALOG NUMBER: FFX-CLB-80-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



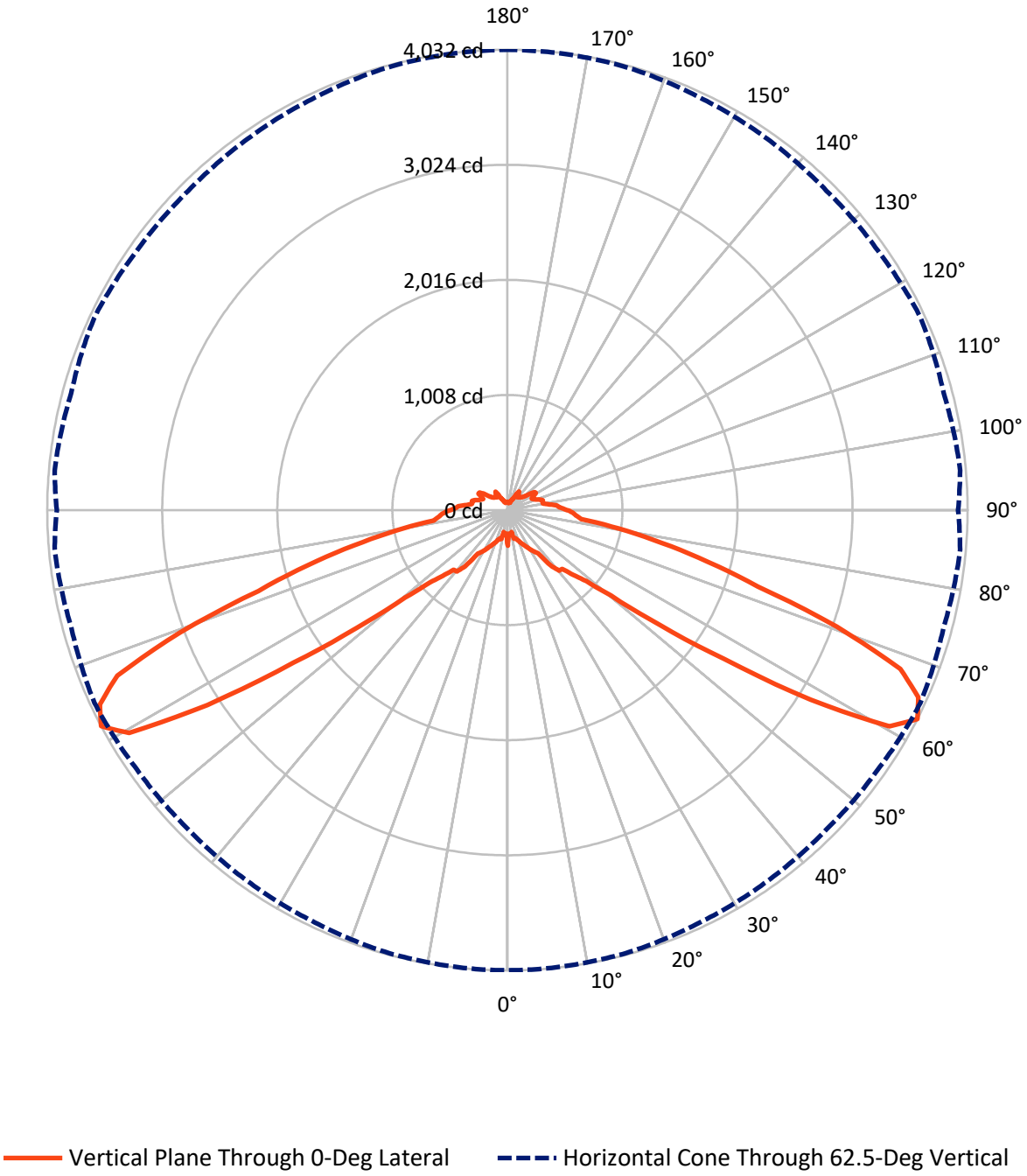
Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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REPORT NUMBER: P981102
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Luminous Intensity Polar Plot



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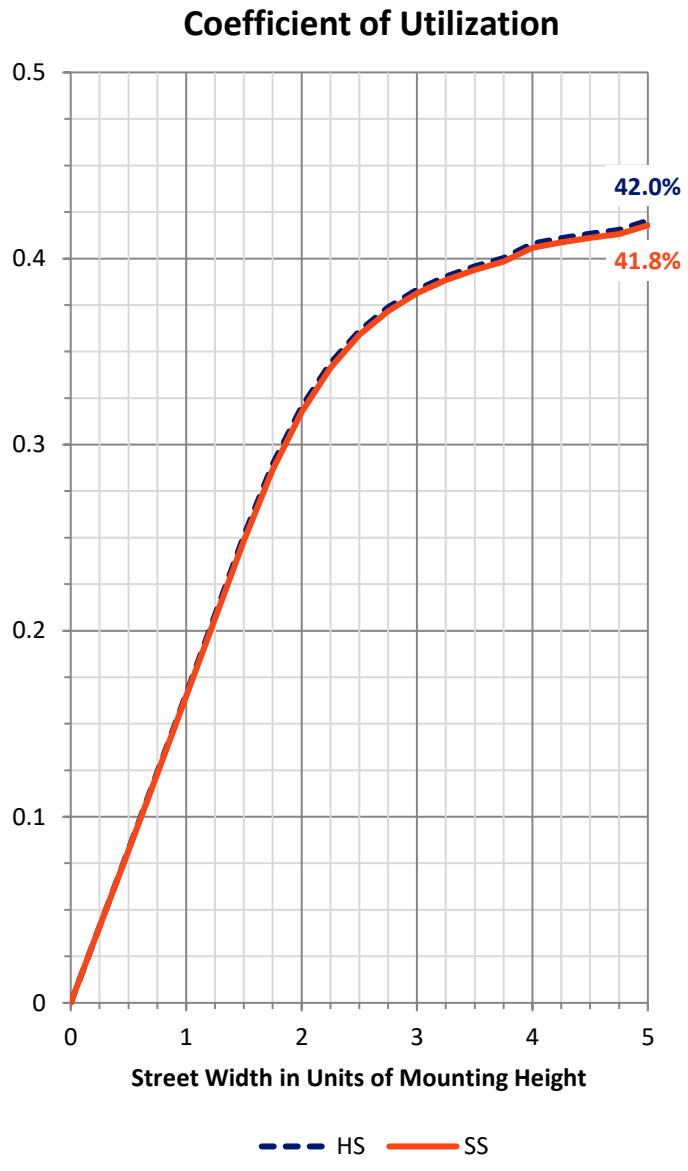
REPORT NUMBER: P981102
CATALOG NUMBER: FFX-CLB-80-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4980.5	741.0	5721.5
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	4980.5	741.0	5721.5
	% Fixture	43.5	6.5	50.0
Total	Lumens	9961.0	1482.0	11443.0
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	0.2
10°-20°	72.5	0.6
20°-30°	159.1	1.4
30°-40°	326.8	2.9
40°-50°	674.8	5.9
50°-60°	2204.1	19.3
60°-70°	3716.2	32.5
70°-80°	2022.9	17.7
80°-90°	765.0	6.7
90°-100°	465.0	4.1
100°-110°	293.3	2.6
110°-120°	223.1	1.9
120°-130°	190.7	1.7
130°-140°	128.2	1.1
140°-150°	105.5	0.9
150°-160°	49.9	0.4
160°-170°	19.8	0.2
170°-180°	6.5	0.1
0°-90°	9961.0	87.0
0°-180°	11443.0	100.0



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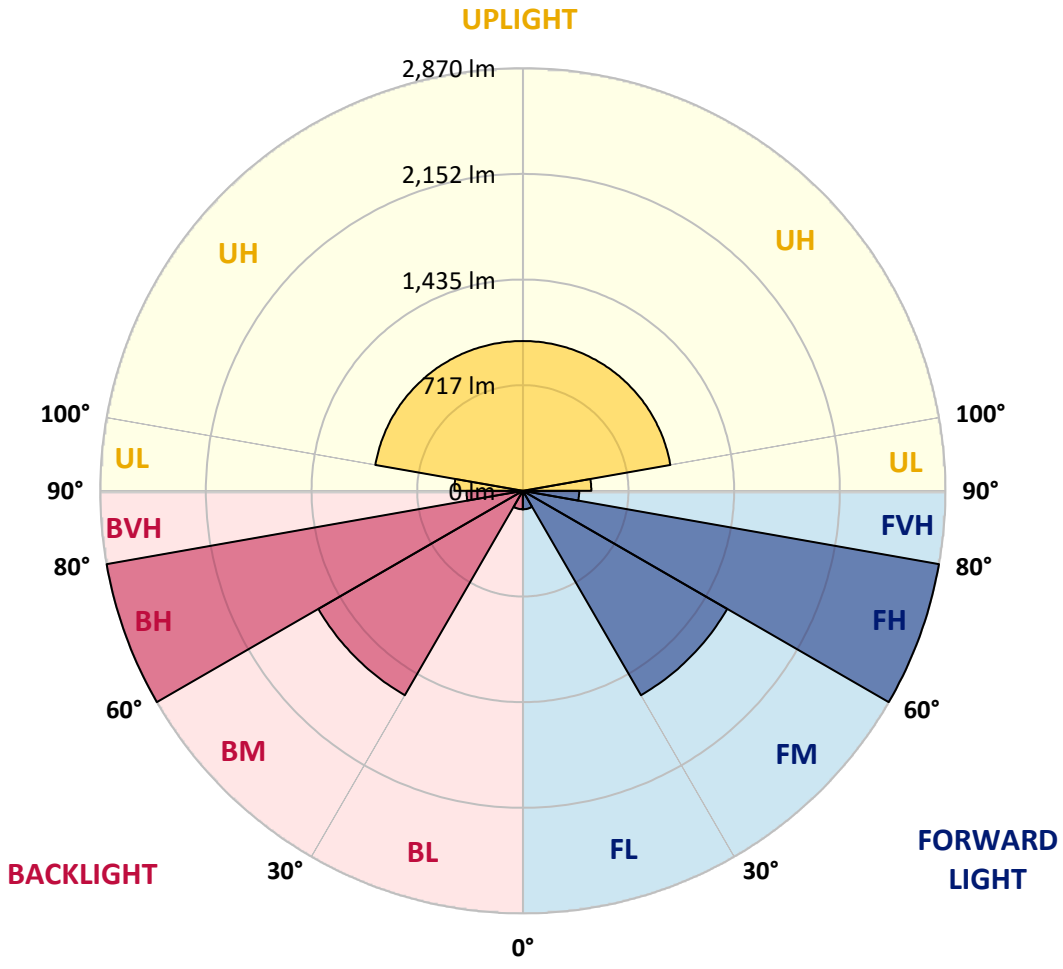
Scaled Data Report

REPORT NUMBER: P981102
CATALOG NUMBER: FFX-CLB-80-727-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	125.6	1.1			
FM	(30°-60°)	1602.9	14.0			
FH	(60°-80°)	2869.6	25.1			G2/5000
FVH	(80°-90°)	382.5	3.3			G3/500
BL	(0°-30°)	125.6	1.1	B1/500		
BM	(30°-60°)	1602.9	14.0	B2/2500		
BH	(60°-80°)	2869.6	25.1	B4/5000		G2/5000
BVH	(80°-90°)	382.5	3.3			G3/500
UL	(90°-100°)	465.0	4.1		U3/500	
UH	(100°-180°)	1017.0	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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REPORT NUMBER: P981102
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	311.6	311.6	311.6	311.6	311.6	311.6	311.6	311.6	311.6	311.6	311.6
2.5°	207.5	215.8	261.8	299.5	298.8	272.4	238.4	241.4	261.8	279.9	284.4
5°	209.0	206.0	203.7	194.7	191.6	196.2	193.1	184.1	180.3	181.1	195.4
7.5°	217.3	213.5	191.6	175.0	172.8	182.6	203.7	203.7	181.1	163.7	163.0
10°	195.4	194.7	202.2	209.7	212.0	203.0	193.9	189.4	187.9	186.4	184.8
12.5°	258.0	255.0	239.2	229.4	227.8	232.4	239.2	236.9	225.6	219.5	219.5
15°	256.5	258.0	260.3	256.5	255.8	256.5	260.3	258.0	254.3	249.7	249.7
17.5°	270.9	271.6	272.4	273.9	272.4	270.1	270.1	269.3	270.1	271.6	271.6
20°	292.7	293.5	293.5	293.5	292.7	288.2	288.2	289.0	288.2	289.7	289.0
22.5°	316.9	316.1	316.1	316.1	313.9	310.1	309.3	310.1	307.8	307.8	307.8
25°	340.3	341.8	344.0	343.3	339.5	336.5	334.2	335.0	333.5	333.5	333.5
27.5°	369.7	368.2	372.7	371.2	367.4	367.4	365.2	365.2	362.9	362.1	361.4
30°	402.9	402.1	402.1	402.9	401.4	399.9	399.9	398.4	394.6	395.3	396.8
32.5°	435.3	434.6	433.1	433.8	433.1	430.8	434.6	434.6	433.1	433.8	438.3
35°	467.0	471.5	482.1	489.6	491.9	491.2	494.2	499.5	495.7	493.4	495.7
37.5°	617.9	614.9	603.6	596.8	598.3	602.1	593.8	587.7	584.0	583.2	587.0
40°	697.1	694.1	677.5	679.0	667.7	671.5	675.2	680.5	676.8	668.5	668.5
42.5°	703.9	704.7	728.1	763.5	753.0	730.3	709.2	719.8	735.6	745.4	749.2
45°	808.0	817.8	817.8	820.1	820.9	821.6	806.5	813.3	826.1	842.0	841.2
47.5°	928.0	934.0	937.8	942.3	940.1	942.3	961.9	956.7	971.0	969.5	968.0
50°	1179.2	1204.9	1209.4	1226.8	1216.2	1218.5	1254.7	1257.7	1257.7	1255.4	1258.4
52.5°	1673.4	1696.0	1692.3	1653.8	1672.6	1706.6	1745.8	1717.9	1757.9	1738.3	1729.2
55°	2301.1	2301.9	2326.8	2380.3	2405.2	2378.8	2399.9	2347.9	2435.4	2446.0	2419.6
57.5°	3134.0	3149.9	3155.2	3168.7	3149.1	3146.1	3161.2	3128.8	3169.5	3129.5	3145.3
60°	3846.2	3825.9	3767.8	3685.5	3694.6	3727.0	3785.9	3765.5	3736.8	3681.0	3668.2
62.5°	4031.8	4028.8	4016.8	3986.6	3968.5	3954.1	3961.7	3992.6	3956.4	3981.3	3948.1
65°	3955.6	3953.4	3964.7	3991.1	3971.5	3923.2	3880.9	3931.5	3908.9	3991.9	3967.7
67.5°	3712.0	3702.1	3690.8	3739.9	3708.9	3639.5	3608.6	3613.1	3599.5	3682.5	3658.4
70°	3061.6	3045.8	3066.9	3144.6	3100.1	3038.2	3002.8	3017.8	3021.6	3074.4	3082.7
72.5°	2294.3	2313.9	2335.1	2387.1	2376.6	2342.6	2362.2	2384.9	2406.7	2426.3	2418.0
75°	1816.0	1839.4	1797.1	1822.8	1813.7	1840.1	1858.2	1868.8	1866.5	1846.2	1837.1
77.5°	1380.7	1399.5	1389.7	1382.2	1389.0	1415.4	1472.7	1465.9	1433.5	1398.8	1405.6
80°	992.9	1026.1	1029.8	1026.8	1041.2	1044.9	1093.2	1080.4	1054.0	1053.2	1060.8
82.5°	650.3	665.4	713.0	755.2	766.5	747.7	779.4	791.4	798.2	799.0	796.7
85°	602.1	618.7	607.3	630.0	635.3	640.5	645.8	650.3	657.9	664.7	667.7
87.5°	568.9	596.0	594.5	609.6	608.1	618.7	628.5	631.5	622.4	612.6	609.6
90°	508.5	530.4	538.7	547.7	552.3	550.8	559.1	559.1	553.0	548.5	547.0
92.5°	456.4	468.5	476.1	487.4	490.4	488.9	497.2	493.4	494.2	495.7	497.2
95°	431.6	436.8	434.6	439.1	433.1	427.8	430.8	426.3	424.0	420.2	420.2
97.5°	360.6	359.9	359.9	361.4	358.4	353.8	356.1	355.4	356.1	356.1	353.1
100°	316.1	315.4	310.8	310.1	309.3	307.8	305.6	306.3	306.3	305.6	306.3
102.5°	315.4	308.6	298.8	288.2	288.2	285.9	286.7	285.9	285.2	280.7	278.4
105°	321.4	310.8	294.2	273.1	270.1	270.9	273.1	272.4	269.3	264.8	261.8
107.5°	297.3	285.2	275.4	261.8	258.0	257.3	258.8	259.5	256.5	250.5	246.0
110°	263.3	258.8	254.3	249.0	245.2	244.4	244.4	244.4	241.4	239.2	233.9

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CATALOG NUMBER: FFX-CLB-80-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*248.2*	242.9	237.7	233.1	230.9	230.1	228.6	227.1	224.8	222.6	219.5
115°	*233.9*	233.9	230.1	213.5	209.7	209.0	208.2	208.2	208.2	208.2	207.5
117.5°	*253.5*	251.2	236.9	215.8	209.0	205.2	202.2	203.7	203.0	208.2	206.7
120°	*290.5*	273.9	242.9	227.8	221.8	218.8	219.5	220.3	219.5	218.0	215.0
122.5°	*287.4*	269.3	250.5	239.2	232.4	231.6	234.6	233.9	227.1	216.5	208.2
125°	*252.7*	242.9	231.6	221.1	217.3	215.8	217.3	215.0	210.5	205.2	196.9
127.5°	*196.2*	194.7	188.6	184.1	184.8	187.1	190.9	190.9	188.6	185.6	181.1
130°	*175.8*	174.3	175.0	176.5	175.8	175.8	172.0	169.0	174.3	178.8	176.5
132.5°	*162.2*	163.0	170.5	181.8	179.6	173.5	164.5	163.0	171.3	180.3	179.6
135°	*156.2*	156.9	163.0	174.3	171.3	163.7	159.9	160.7	165.2	169.8	169.0
137.5°	*156.2*	156.2	154.7	158.4	158.4	158.4	157.7	159.9	163.0	163.0	160.7
140°	*153.9*	155.4	150.9	151.6	153.9	156.2	156.9	159.9	160.7	159.9	156.9
142.5°	*141.1*	142.6	147.1	153.2	154.7	156.2	160.7	159.9	159.9	159.9	158.4
145°	*173.5*	173.5	177.3	182.6	180.3	177.3	178.8	179.6	181.1	182.6	181.1
147.5°	*191.6*	191.6	187.1	185.6	181.8	181.8	186.4	185.6	184.8	183.3	184.1
150°	*158.4*	157.7	153.9	152.4	152.4	150.9	153.2	153.2	150.9	149.4	150.1
152.5°	*113.2*	113.9	112.4	113.9	116.2	118.5	120.7	122.2	122.2	122.2	120.7
155°	*102.6*	101.1	100.3	101.9	102.6	101.9	100.3	100.3	100.3	98.8	98.1
157.5°	*89.0*	88.3	87.5	88.3	88.3	89.0	89.8	90.5	90.5	89.0	88.3
160°	*77.0*	77.0	77.0	77.7	77.7	77.0	76.2	77.0	78.5	78.5	78.5
162.5°	*69.4*	70.2	70.9	72.4	72.4	70.9	69.4	69.4	70.9	72.4	72.4
165°	*64.1*	64.1	65.6	68.7	69.4	67.1	64.9	64.9	67.1	70.2	70.9
167.5°	*64.1*	64.9	67.1	69.4	68.7	66.4	64.1	64.1	66.4	68.7	68.7
170°	*68.7*	68.7	67.9	67.1	66.4	66.4	66.4	67.1	67.9	67.1	67.1
172.5°	*72.4*	71.7	69.4	67.1	66.4	68.7	70.2	69.4	68.7	67.1	67.1
175°	*73.9*	73.2	71.7	70.2	70.2	71.7	72.4	70.9	69.4	68.7	67.9
177.5°	*66.4*	66.4	65.6	65.6	66.4	65.6	65.6	65.6	64.9	64.1	63.4
180°	*57.3*	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3

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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-3

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

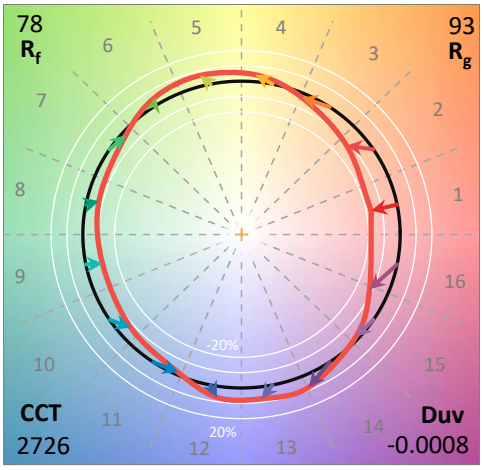
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	03/31/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726	CRI (Ra):	72.7		
CIE u':	0.2616	R1:	69.3	R9:	-32.4
CIE v':	0.5257	R2:	86.2	R10:	70.6
Duv:	-0.0008	R3:	92.5	R11:	63.6
CIE x:	0.4564	R4:	67.2	R12:	64.8
CIE y:	0.4077	R5:	69.7	R13:	72.8
CIE z:	0.1358	R6:	82.9	R14:	96.1
Peak Wavelength (nm):	599	R7:	74.2	R15:	60.3
Dominant Wavelength (nm):	584	R8:	39.5		
Purity:	59.39437				

Rf:	77.8
Rg:	93.1



Test Conditions

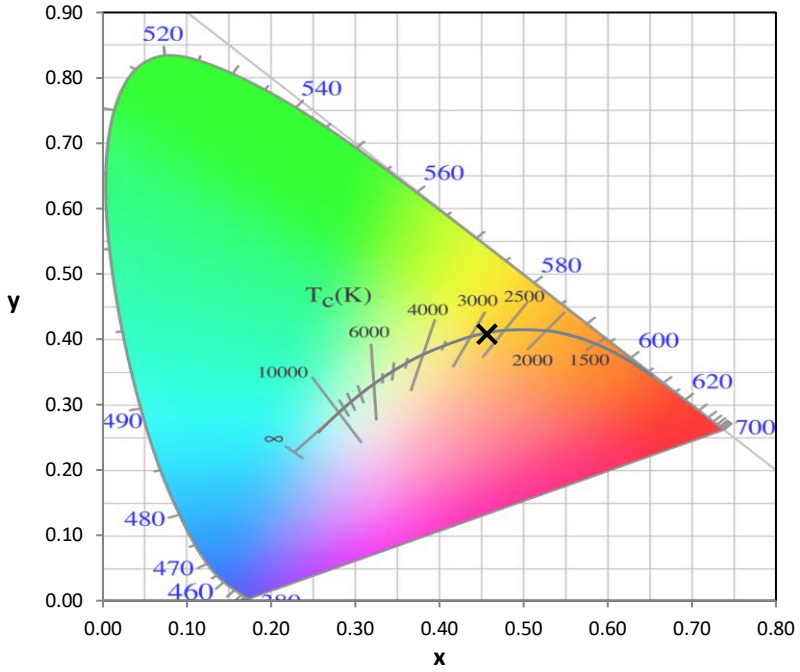
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

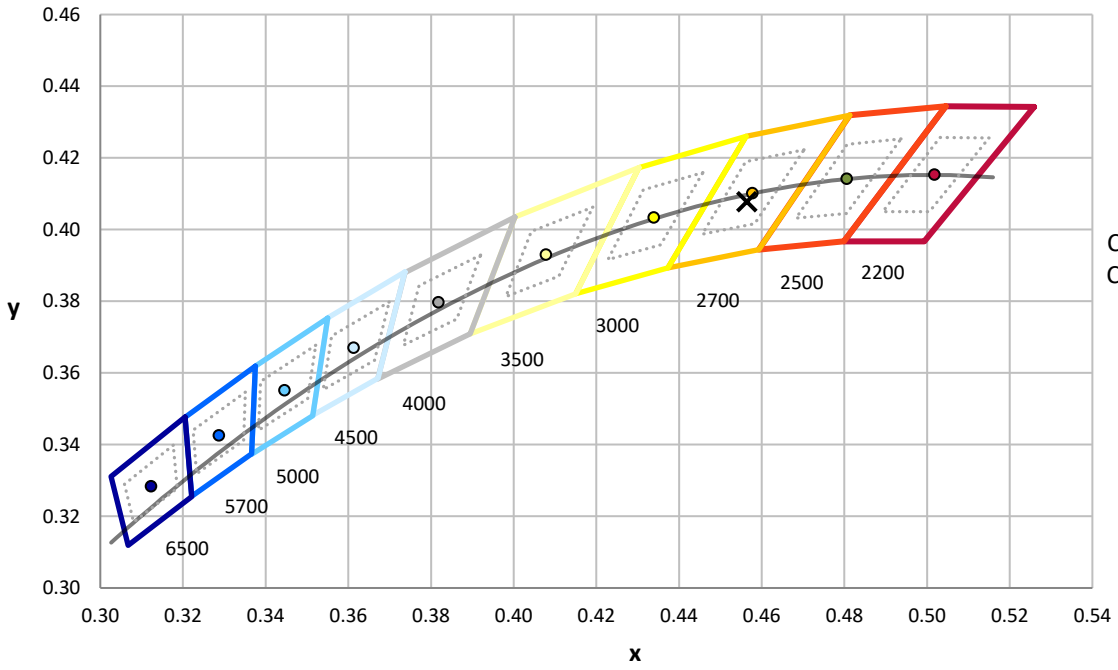
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

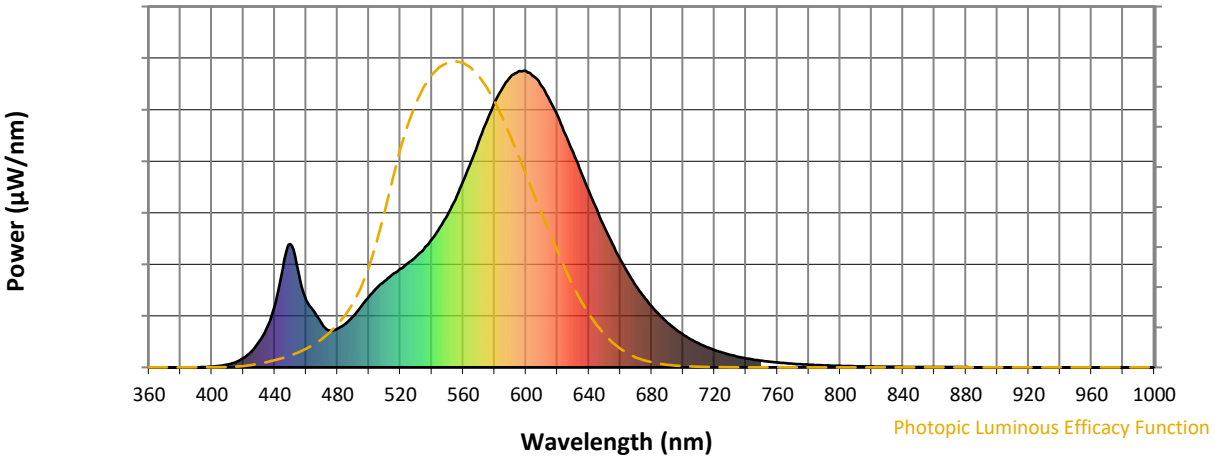


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

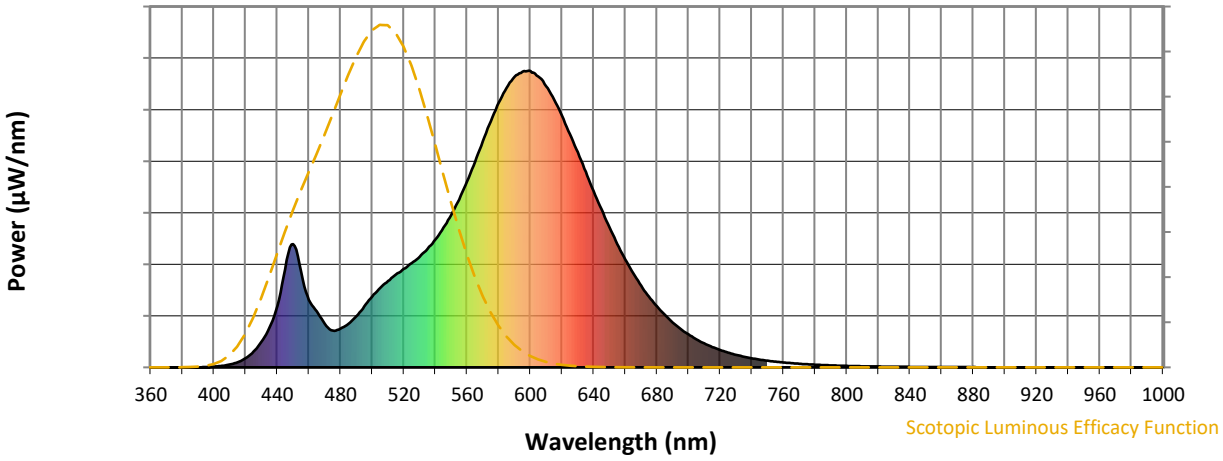


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

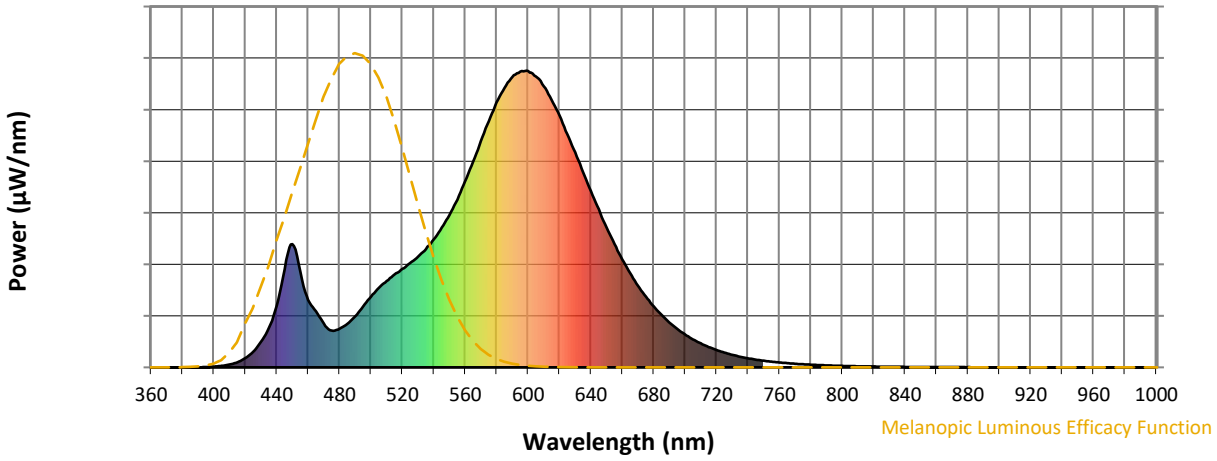


Scotopic Lumens: NR **S/P: 1.16**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

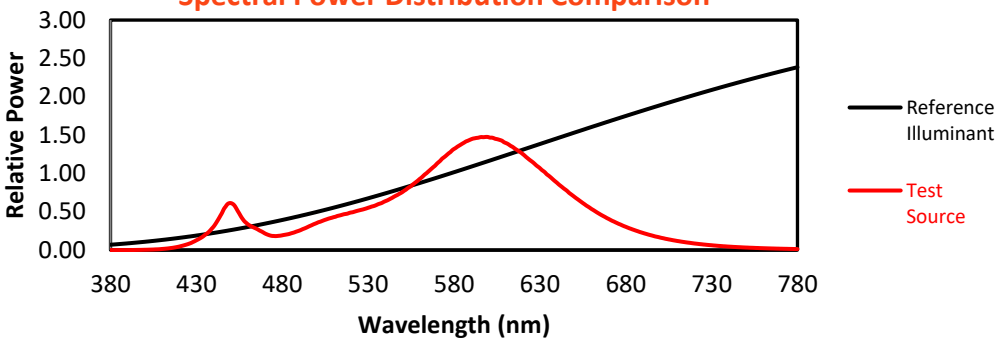
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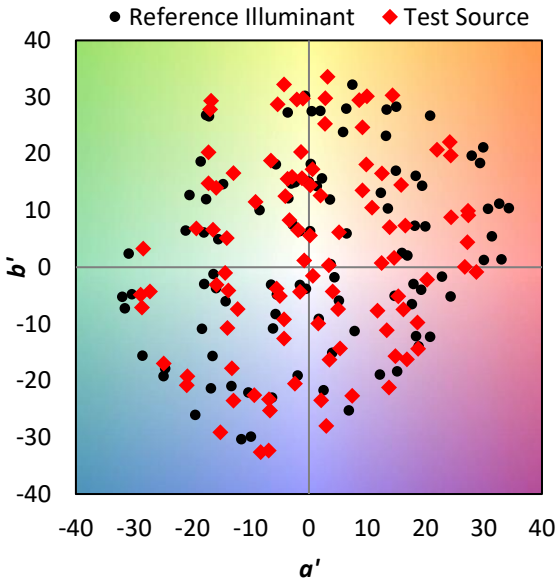
Summary

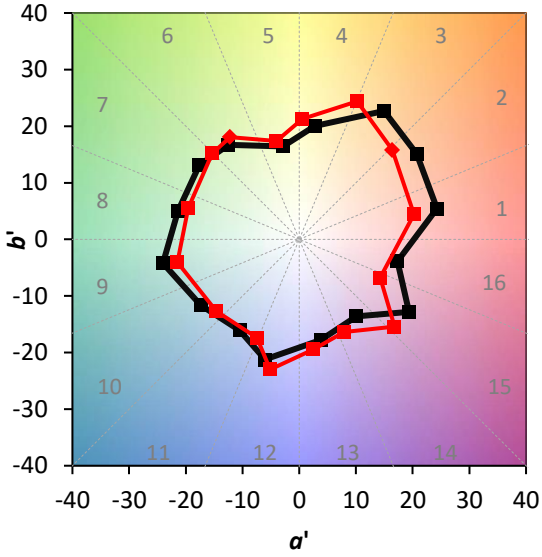
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

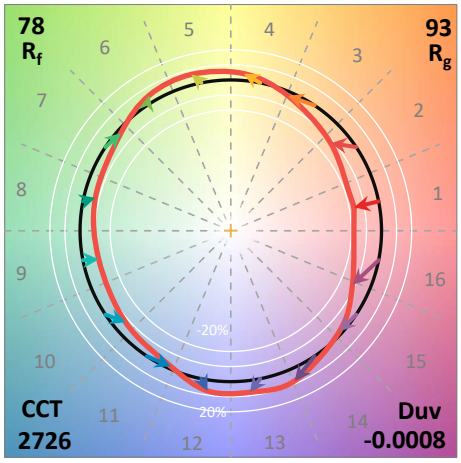
Spectral Power Distribution Comparison

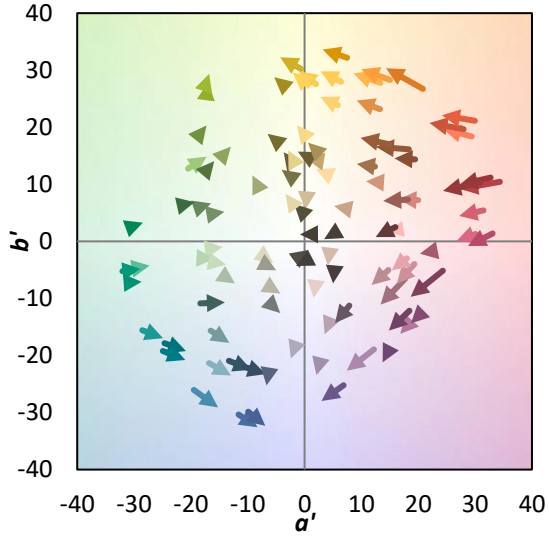


Color Vector Graphics







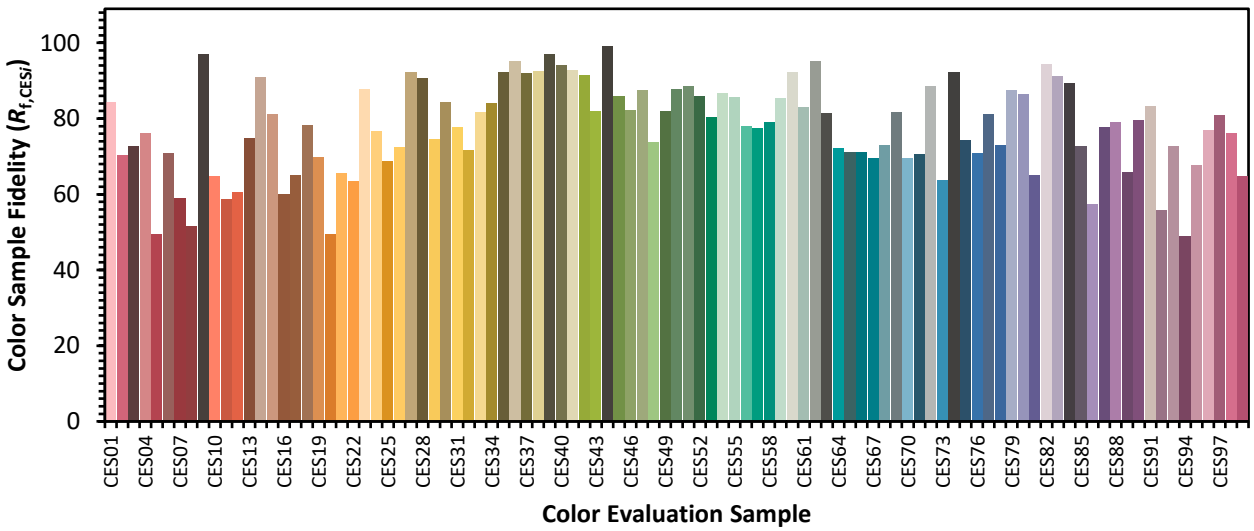


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Individual Sample Fidelity Index ($R_{f,i}$)

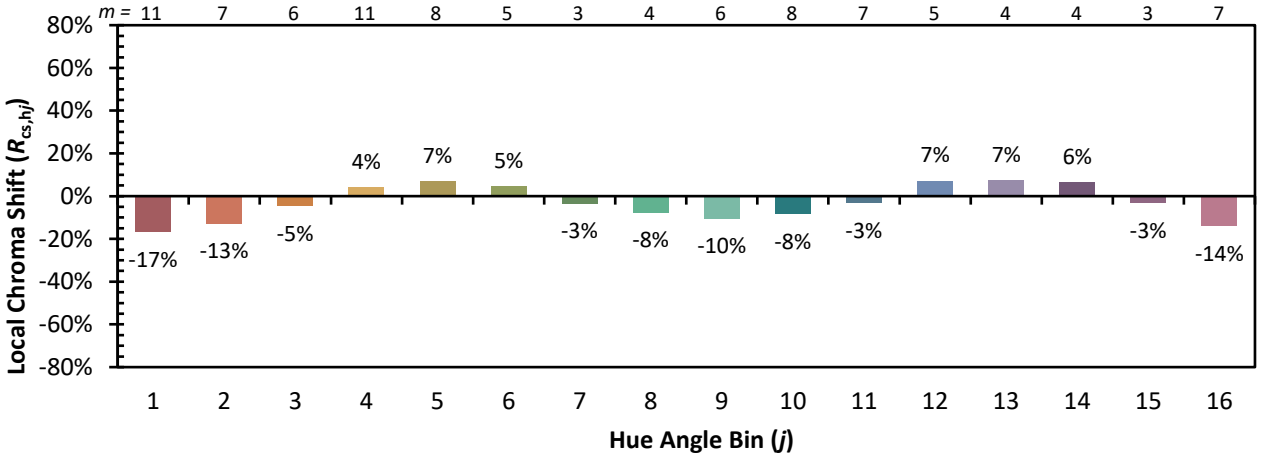
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

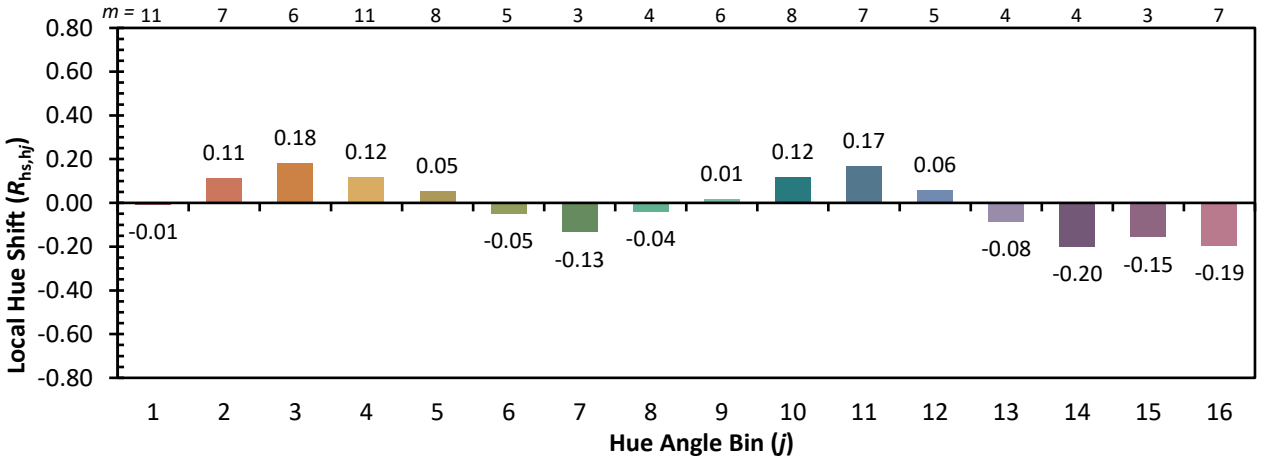


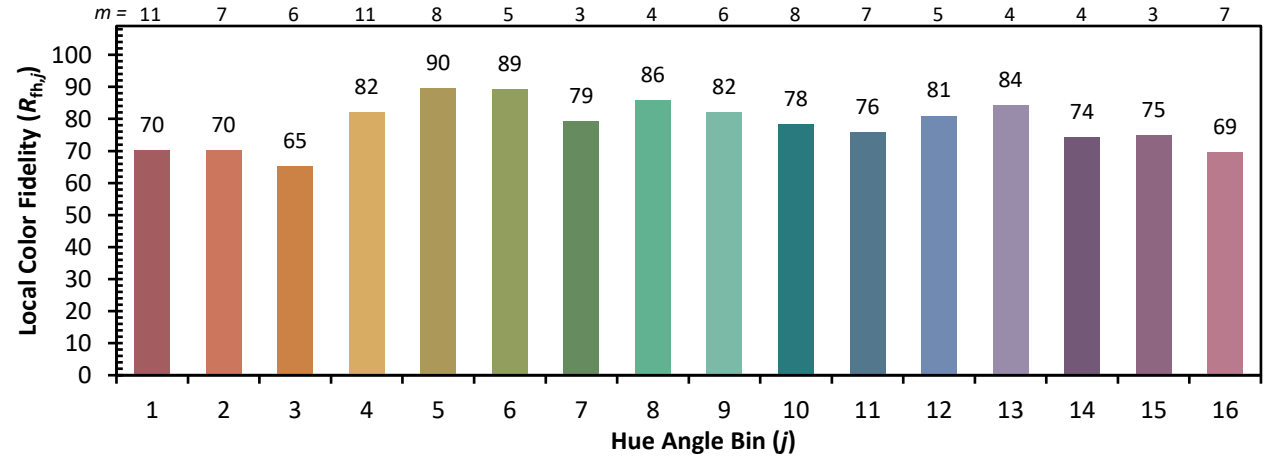
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Color Rendition by Hue-Angle Bin



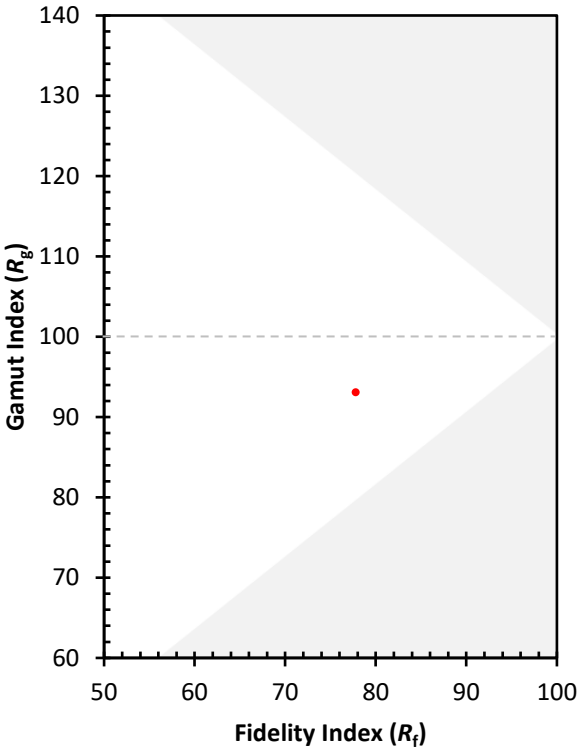


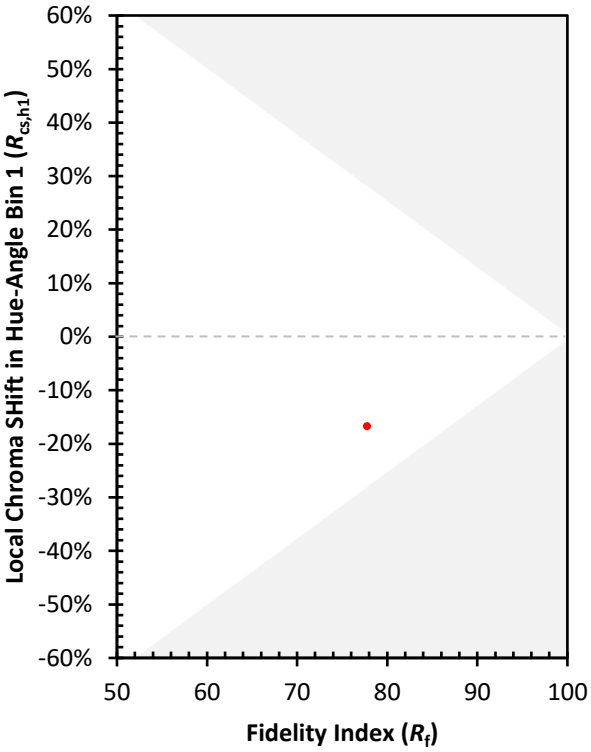


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Measure Comparisons





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